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# PENNSYLVANIA EMPLOYMENT AND EARNINGS

VOLUME XXXII NO. 8 DATA FOR AUGUST RELEASED IN OCTOBER 1987

## SEASONALLY ADJUSTED EMPLOYMENT AT 5,383,000 NEW ALL-TIME HIGH

Seasonally adjusted employment among Commonwealth residents rose significantly in August, up 88,000 to 5,383,000 .... a new all-time high. The previous high was set in May 1987 when 5,319,000 employed residents were reported. The current volume of employment is 99,000 above the August 1986 level of 5,284,000. In addition to the seasonally adjusted volume of employment reaching a record level, the number of employed Pennsylvanians, not adjusted for seasonality, also attained a new plateau. The August 1987 unadjusted volume, at 5,526,000, is 103,000 above the year-ago total.

Data reflecting the number of unemployed Pennsylvanians, adjusted for seasonal influences, revealed a slight downward movement in August, off 7,000 to 314,000. This is the lowest August total since 1974 when 260,000 jobless residents were reported. The downward movement in idle workers (seasonally adjusted) coupled with pronounced gains in resident employment had a beneficial impact on the adjusted unemployment rate, moving it to 5.5 percent. This most current rate is 0.2 and 1.1 percentage points off the month-ago and year-ago pace, respectively. The adjusted jobless rate in Pennsylvania is 0.5 percentage point below the U.S. rate and marks the fourteenth consecutive month in which the Commonwealth has displayed a more favorable jobless rate. In addition, August is the sixth successive month in which Pennsylvania's rate has been below 6.0 percent.

Unemployment, not adjusted for seasonality, declined a significant 32,000 since July to total 303,000. One year ago, August 1986, there were 366,000 Commonwealth residents out of work and seeking employment. The drop in unemployment was joined by a strong rise in employment, resulting in an unadjusted jobless rate of 5.2 percent, down from 5.8 percent in July.

## CONTRACT CONSTRUCTION REACHES ALL-TIME HIGH IN AUGUST

Preliminary data for August indicate nonagricultural wage and salary jobs supplied by Commonwealth business establishments rebounded this month with the addition of 6,400 to payrolls totaling 4,943,300. This is second highest on record (June 1987 was highest at 4,954,000) and represents 114,200 more jobs than were available one year ago. Employment within Pennsylvania businesses exhibited growth beyond the seasonal pattern. Manufacturing increased by 5,400 jobs while nonmanufacturing, typically a job loser in August, grew by 500.

Manufacturing jobs, currently at 1,041,700, grew over the month by 5,400; however, this recent total marks a decline of 7,100 over the year. Durable goods, those items with a life expectancy of three years or more, increased payrolls over the month by 1,000. Within durables, modest increases were noted in fabricated metal products (+800), primary metals (+600), and stone/clay/glass products (+600). The largest over-the-year growth was manifested in the primary metals industry line which added 4,400 jobs, primarily the result of settlement of a labor management dispute that began in August 1986. Nondurable goods, at 451,100, jumped by 4,400 from the level recorded in July. Over the year, nondurables were down 3,900 jobs from the number recorded in August 1986.

Nonmanufacturing once again displayed its vitality within the Commonwealth's economy, reversing the normal August decline with a rise of 500 jobs to a near-record total of 3,899,400. This, the second highest total ever (June's 3,907,200 is the all-time high), was achieved through record-setting performances within contract construction, up 3,400 jobs; and wholesale trade, up 400.

Service and miscellaneous, off a net 400 jobs , was buoyed by business services, up 3,400. Business services include advertising, reproduction, personnel supply services, and data processing.

During August there were 2,200 persons reported involved in labor-management disputes. This is 4,300 less than the August 1986 total.

## AVERAGE WEEKLY EARNINGS UP $4.04

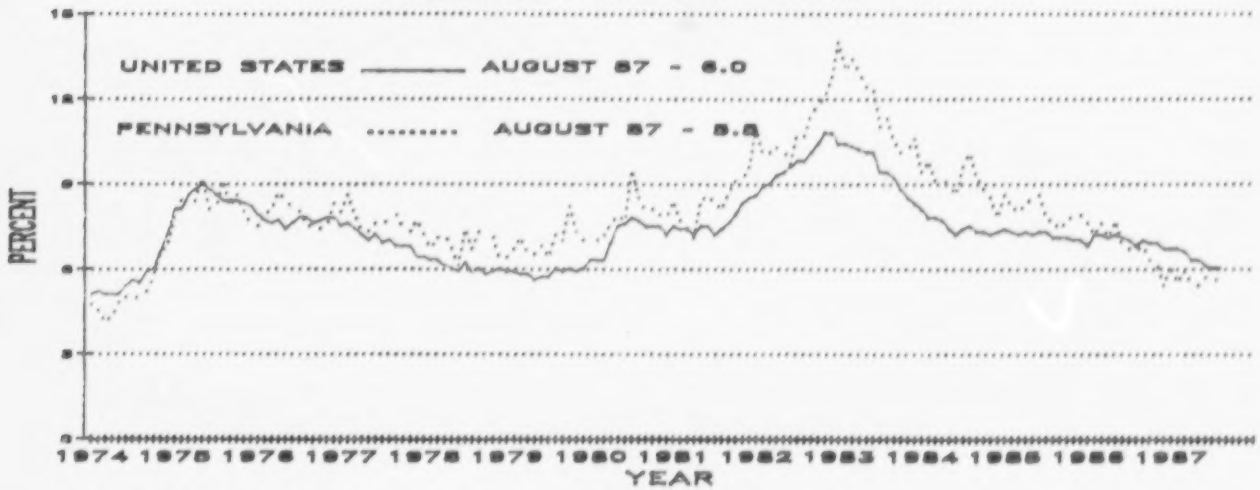
Average hourly earnings among production workers in Commonwealth manufacturing industries rose five cents to $9.98 in August, according to preliminary figures. In addition, average weekly hours advanced two-tenths of an hour to 41.0 hours, resulting in a boost of $4.04 to manufacturing weekly payrolls. Over-the-year average hourly earnings are up twenty-six cents.

BUREAU OF COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF LABOR AND INDUSTRY OFFICE OF EMPLOYMENT SECURITY
In cooperation with the United States Department of Labor

TOTAL CIVILIAN LABOR FORCE
EMPLOYMENT AND UNEMPLOYMENT IN PENNSYLVANIA
(All Persons in Thousands)

| RESIDENT DATA | AUGUST 1987 | JULY 1987 | AUGUST 1986 | NET CHANGE FROM: JULY 1987 | NET CHANGE FROM: AUGUST 1986 |
|---|---|---|---|---|---|
| SEASONALLY ADJUSTED DATA | | | | | |
| Civilian Labor Force | 5,697 | 5,616 | 5,659 | 81.0 | 38.0 |
| Employment | 5,383 | 5,295 | 5,284 | 88.0 | 99.0 |
| Unemployment | 314 | 321 | 375 | -7.0 | -61.0 |
| Unemployment Rate(%) | 5.5 | 5.7 | 6.6 | -0.2 | -1.1 |
| UNADJUSTED DATA | | | | | |
| Civilian Labor Force | 5,829 | 5,787 | 5,790 | 42.0 | 39.0 |
| Employment | 5,526 | 5,453 | 5,423 | 73.0 | 103.0 |
| Unemployment | 303 | 335 | 366 | -32.0 | -63.0 |
| Unemployment Rate (%) | 5.2 | 5.8 | 6.3 | -0.6 | -1.1 |

UNITED STATES & PENNSYLVANIA
UNEMPLOYMENT RATES
(SEASONALLY ADJUSTED)




FOOTNOTES:

P/ Data are preliminary and subject to revision.
Resident Data are workers by place of residence. They include wage and salary workers, self-employed and unpaid family workers, agricultural workers and persons involved in labor managements disputes.
Establishment Data are estimates of jobs by place of work. Persons involved in labor management disputes are not included in industry line detail but are included in nonagricultural wage and salary totals.
Nonagricultural Wage and Salary Employment data in this release have been revised to first quarter 1986 benchmarks and are, therefore, not strictly comparable with figures published prior to March 1987.
The Pennsylvania Employment and Earnings Report is published monthly. An expanded report is published quarterly. If additional data are needed, telephone (717) 787-3886.

ESTABLISHMENT EMPLOYMENT

MANUFACTURING AND SELECTED NONMANUFACTURING INDUSTRY DETAIL

PENNSYLVANIA: AUGUST 1987, JULY 1987,and AUGUST 1986

(Employment in Thousands)

| ESTABLISHMENT DATA | AUGUST 1987 P/ | JULY 1987 | AUGUST 1986 | (--NET CHANGE--) FROM JULY 1987 | FROM AUGUST 1986 |
|---|---|---|---|---|---|
| NONAGRICULTURAL WAGE AND SALARY | 4,943.3 | 4,936.9 | 4,829.1 | 6.4 | 114.2 |
| MANUFACTURING INDUSTRIES | 1,041.7 | 1,036.3 | 1,048.8 | 5.4 | -7.1 |
| DURABLE GOODS INDUSTRIES | 590.6 | 589.6 | 593.8 | 1.0 | -3.2 |
| LUMBER AND WOOD PRODUCTS | 30.2 | 29.8 | 28.2 | 0.4 | 2.0 |
| FURNITURE AND FIXTURES | 21.0 | 20.7 | 20.6 | 0.3 | 0.4 |
| STONE, CLAY, AND GLASS PRODUCTS | 49.1 | 48.5 | 47.5 | 0.6 | 1.6 |
| PRIMARY METAL INDUSTRIES | 92.1 | 91.5 | 87.7 | 0.6 | 4.4 |
| FABRICATED METAL PRODUCTS | 89.9 | 89.1 | 92.1 | 0.8 | -2.2 |
| MACHINERY, EXCEPT ELECTRICAL | 103.1 | 103.9 | 105.6 | -0.8 | -2.5 |
| ELECTRIC & ELECTRONIC EQUIPMENT | 92.7 | 93.1 | 96.6 | -0.4 | -3.9 |
| TRANSPORTATION EQUIPMENT | 57.5 | 57.6 | 59.2 | -0.1 | -1.7 |
| INSTRUMENTS AND RELATED PRODUCTS | 34.3 | 34.7 | 36.1 | -0.4 | -1.8 |
| MISCELLANEOUS MANUFACTURES | 20.7 | 20.7 | 20.2 | 0.0 | 0.5 |
| NONDURABLE GOODS INDUSTRIES | 451.1 | 446.7 | 455.0 | 4.4 | -3.9 |
| FOOD AND KINDRED PRODUCTS | 91.5 | 90.7 | 91.6 | 0.8 | -0.1 |
| TOBACCO MANUFACTURES | 0.8 | 0.7 | 1.2 | 0.1 | -0.4 |
| TEXTILE MILL PRODUCTS | 31.5 | 31.2 | 30.6 | 0.3 | 0.9 |
| APPAREL AND OTHER TEXTILE PRODS. | 86.7 | 84.3 | 93.7 | 2.4 | -7.0 |
| PAPER AND ALLIED PRODUCTS | 41.0 | 40.9 | 41.1 | 0.1 | -0.1 |
| PRINTING AND PUBLISHING | 81.8 | 81.3 | 79.4 | 0.5 | 2.4 |
| CHEMICALS AND ALLIED PRODUCTS | 58.9 | 59.0 | 58.8 | -0.1 | 0.1 |
| PETROLEUM AND COAL PRODUCTS | 11.1 | 11.2 | 10.7 | -0.1 | 0.4 |
| RUBBER AND PLASTICS PRODUCTS | 37.6 | 37.4 | 37.5 | 0.2 | 0.1 |
| LEATHER AND LEATHER PRODUCTS | 10.2 | 10.0 | 10.4 | 0.2 | -0.2 |
| NONMANUFACTURING INDUSTRIES | 3,899.4 | 3,898.9 | 3,773.8 | 0.5 | 125.6 |
| MINING | 31.0 | 31.3 | 33.9 | -0.3 | -2.9 |
| CONTRACT CONSTRUCTION | 248.0 | 244.6 | 226.6 | 3.4 | 21.4 |
| TRANSPORTATION | 133.5 | 132.8 | 134.2 | 0.7 | -0.7 |
| PUBLIC UTILITIES | 106.5 | 106.6 | 102.8 | -0.1 | 3.7 |
| COMMUNICATIONS | 50.8 | 50.8 | 48.1 | 0.0 | 2.7 |
| ELECTRIC, GAS AND SANITARY | 55.7 | 55.8 | 54.7 | -0.1 | 1.0 |
| WHOLESALE TRADE | 275.1 | 274.7 | 261.6 | 0.4 | 13.5 |
| RETAIL TRADE | 873.8 | 869.5 | 841.3 | 4.3 | 32.5 |
| GENERAL MERCHANDISE STORES | 129.1 | 129.1 | 123.1 | 0.0 | 6.0 |
| FINANCE,INSURANCE AND REAL ESTATE | 292.7 | 292.8 | 284.1 | -0.1 | 8.6 |
| BANKING | 90.4 | 90.3 | 87.9 | 0.1 | 2.5 |
| INSURANCE CARRIERS | 84.2 | 84.1 | 80.8 | 0.1 | 3.4 |
| SERVICES AND MISCELLANEOUS | 1,282.6 | 1,283.0 | 1,226.6 | -0.4 | 56.0 |
| BUSINESS SERVICES | 222.2 | 218.8 | 204.1 | 3.4 | 18.1 |
| HEALTH SERVICES | 421.1 | 420.7 | 405.4 | 0.4 | 15.7 |
| HOSPITALS | 229.1 | 229.3 | 223.3 | -0.2 | 5.8 |
| LEGAL SERVICES | 37.1 | 37.6 | 34.3 | -0.5 | 2.8 |
| EDUCATIONAL SERVICES | 120.3 | 122.6 | 117.3 | -2.3 | 3.0 |
| SOCIAL SERVICES | 82.3 | 83.7 | 76.6 | -1.4 | 5.7 |
| MISCELLANEOUS SERVICES | 60.3 | 59.7 | 57.6 | 0.6 | 2.7 |
| GOVERNMENT | 656.2 | 663.6 | 662.7 | -7.4 | -6.5 |
| FEDERAL | 142.9 | 141.2 | 139.0 | 1.7 | 3.9 |
| STATE | 139.5 | 139.4 | 138.7 | 0.1 | 0.8 |
| LOCAL | 373.8 | 383.0 | 385.0 | -9.2 | -11.2 |
| PERSONS IN LABOR-MGMT. DISPUTES | 2.2 | 1.7 | 6.5 | 0.5 | -4.3 |

P/= Preliminary data; subject to revision.

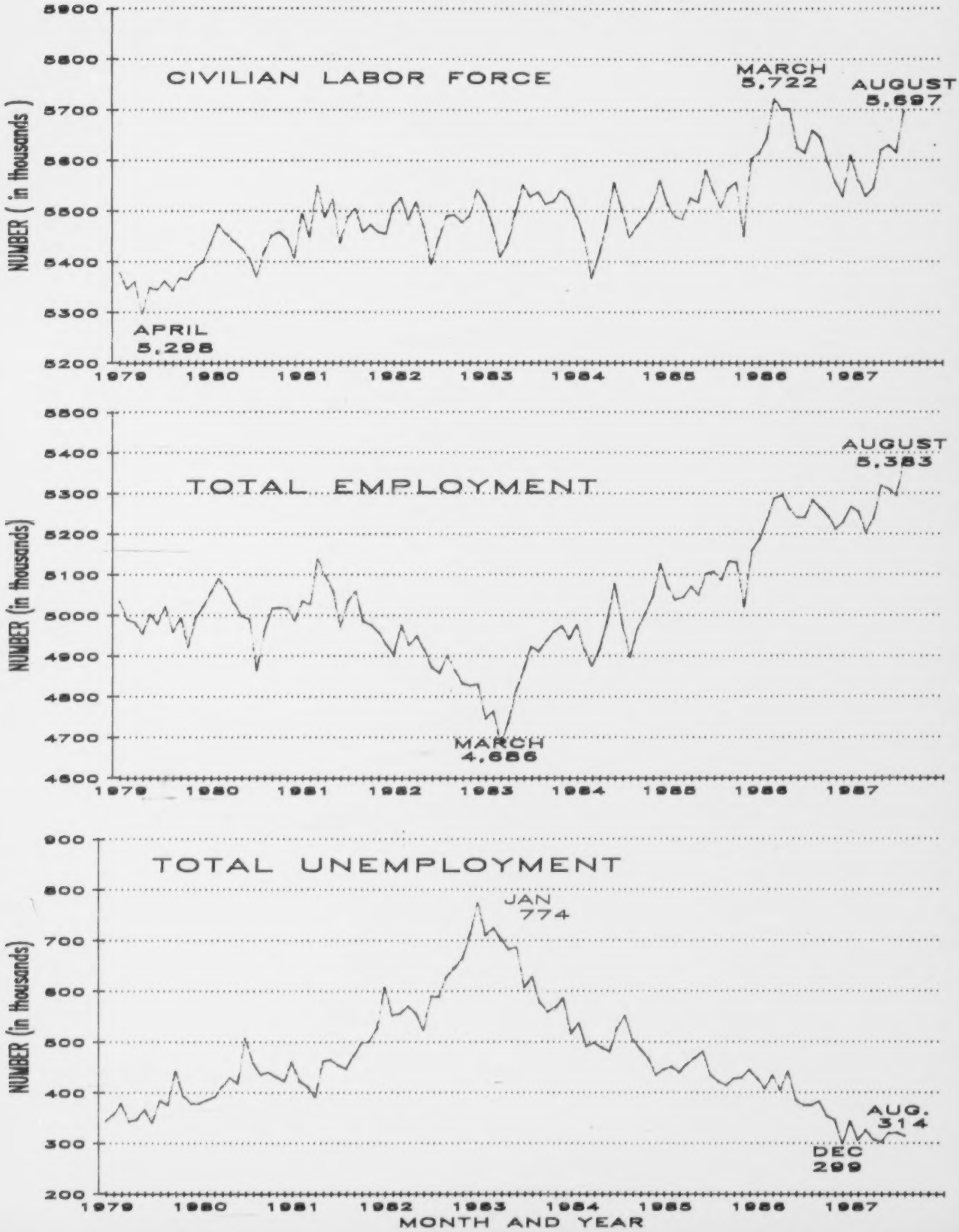
AVERAGE HOURLY AND WEEKLY EARNINGS AND WEEKLY HOURS
MANUFACTURING AND SELECTED NONMANUFACTURING INDUSTRY DETAIL
PENNSYLVANIA: AUGUST 1987, JULY 1987 AND AUGUST 1986
(Production Worker Averages)

| INDUSTRY | AVERAGE WEEKLY EARNINGS | | | AVERAGE WEEKLY HOURS | | | AVERAGE HOURLY EARNINGS | | |
|---|---|---|---|---|---|---|---|---|---|
| | AUGUST 1987 P/ | JULY 1987 | AUGUST 1986 | AUGUST 1987 P/ | JULY 1987 | AUGUST 1986 | AUGUST 1987 P/ | JULY 1987 | AUGUST 1986 |
| MANUFACTURING INDUSTRIES | 409.18 | 405.14 | 390.74 | 41.0 | 40.8 | 40.2 | 9.98 | 9.93 | 9.72 |
| DURABLE GOODS | 448.98 | 441.38 | 429.68 | 42.0 | 41.6 | 41.0 | 10.69 | 10.61 | 10.48 |
| LUMBER AND WOOD PRODUCTS | 360.38 | 359.11 | 336.96 | 42.8 | 42.7 | 41.6 | 8.42 | 8.41 | 8.10 |
| FURNITURE AND FIXTURES | 354.65 | 344.86 | 343.94 | 41.0 | 40.1 | 39.9 | 8.65 | 8.60 | 8.62 |
| STONE, CLAY, AND GLASS PRODS. | 443.65 | 440.73 | 430.53 | 42.7 | 42.5 | 42.5 | 10.39 | 10.37 | 10.13 |
| PRIMARY METALS | 532.56 | 525.41 | 484.62 | 42.3 | 42.1 | 39.4 | 12.59 | 12.48 | 12.30 |
| FABRICATED METAL PRODUCTS | 437.42 | 424.15 | 429.70 | 42.1 | 41.3 | 41.8 | 10.39 | 10.27 | 10.28 |
| NONELECTRICAL MACHINERY | 464.53 | 453.00 | 448.62 | 42.5 | 42.1 | 41.5 | 10.93 | 10.76 | 10.81 |
| ELECTRIC AND ELECTRONIC MACH. | 410.59 | 401.17 | 403.76 | 41.1 | 40.4 | 41.2 | 9.99 | 9.93 | 9.80 |
| TRANSPORTATION EQUIPMENT | 490.73 | 488.38 | 486.00 | 41.1 | 40.8 | 40.5 | 11.94 | 11.97 | 12.00 |
| INSTRUMENTS AND RELATED PROD. | 419.61 | 434.73 | 390.84 | 41.3 | 43.0 | 39.8 | 10.16 | 10.11 | 9.82 |
| MISCELLANEOUS MANUFACTURES | 411.73 | 399.75 | 374.66 | 41.8 | 41.0 | 40.2 | 9.85 | 9.75 | 9.32 |
| NONDURABLE GOODS | 360.70 | 359.00 | 343.48 | 39.9 | 39.8 | 39.3 | 9.04 | 9.02 | 8.74 |
| FOOD AND KINDRED PRODUCTS | 401.80 | 394.30 | 385.42 | 41.0 | 40.4 | 40.4 | 9.80 | 9.76 | 9.54 |
| TOBACCO PRODUCTS | 274.04 | 254.59 | 255.65 | 44.2 | 40.8 | 41.3 | 6.20 | 6.24 | 6.19 |
| TEXTILE MILL PRODUCTS | 274.79 | 270.66 | 275.09 | 39.2 | 39.0 | 40.1 | 7.01 | 6.94 | 6.86 |
| APPAREL AND RELATED PRODUCTS | 210.63 | 212.06 | 203.47 | 35.7 | 35.7 | 34.9 | 5.90 | 5.94 | 5.83 |
| PAPER PRODUCTS | 470.80 | 467.35 | 449.96 | 44.0 | 43.8 | 43.1 | 10.70 | 10.67 | 10.44 |
| PRINTING AND PUBLISHING | 435.71 | 432.00 | 418.48 | 39.9 | 40.0 | 40.2 | 10.92 | 10.80 | 10.41 |
| CHEMICAL AND ALLIED PRODUCTS | 495.10 | 498.93 | 484.34 | 42.1 | 42.9 | 42.3 | 11.76 | 11.63 | 11.45 |
| PETROLEUM AND COAL PRODUCTS | 555.02 | 581.85 | 561.15 | 42.4 | 45.0 | 43.0 | 13.09 | 12.93 | 13.05 |
| RUBBER AND PLASTICS PRODUCTS | 378.42 | 377.16 | 354.60 | 42.0 | 42.0 | 40.9 | 9.01 | 8.98 | 8.67 |
| LEATHER PRODUCTS | 229.52 | 230.69 | 211.34 | 39.1 | 39.1 | 36.5 | 5.87 | 5.90 | 5.79 |
| SELECTED NONMANUFACTURING INDUSTRIES: | | | | | | | | | |
| ANTHRACITE COAL MINING | 413.85 | 368.20 | 396.03 | 35.8 | 32.7 | 36.2 | 11.56 | 11.26 | 10.94 |
| BITUMINOUS COAL MINING | 628.04 | 625.95 | 579.15 | 41.4 | 41.1 | 39.0 | 15.17 | 15.23 | 14.85 |
| COMMUNICATIONS | 538.68 | 539.98 | 541.93 | 40.2 | 40.6 | 40.9 | 13.40 | 13.30 | 13.25 |
| ELECTRIC, GAS, & SANITARY | 638.57 | 630.63 | 616.32 | 42.6 | 42.9 | 42.8 | 14.99 | 14.70 | 14.40 |
| GENERAL MERCHANDISE STORES | 187.26 | 183.29 | 178.77 | 30.8 | 29.9 | 29.5 | 6.08 | 6.13 | 6.06 |

P/ = Preliminary data; subject to revision.

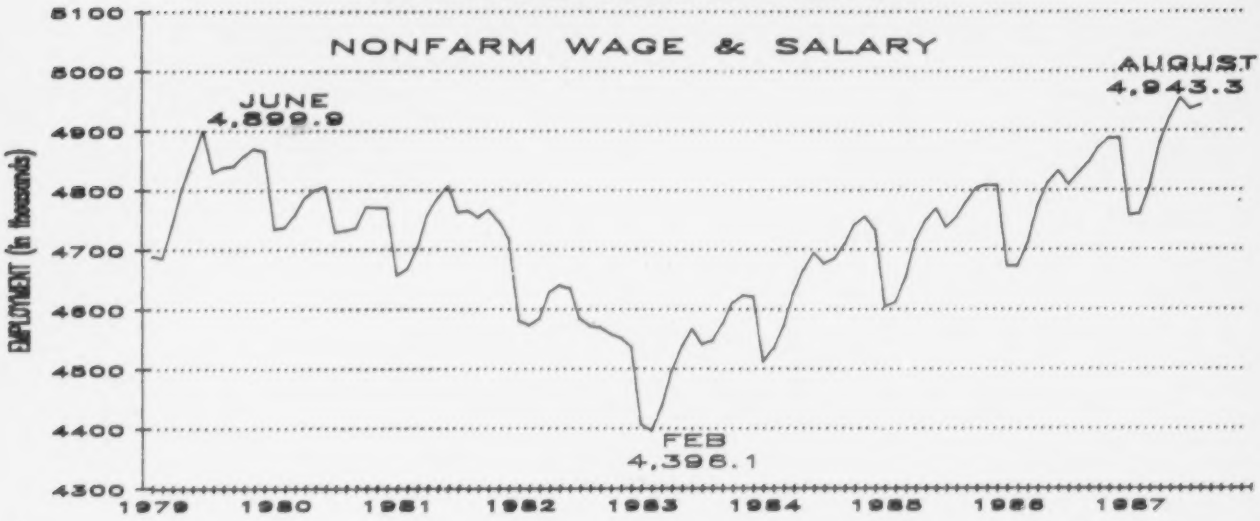
# PENNSYLVANIA ECONOMIC INDICATORS

SEASONALLY ADJUSTED



PENNSYLVANIA ECONOMIC INDICATORS
NOT SEASONALLY ADJUSTED
CIVILIAN LABOR FORCE
AUGUST
5,829
APRIL
5,242
NUMBER (in thousands)
5900
5800
5700
5600
5500
5400
5300
5200
1979
1980
1981
1982
1983
1984
1985
1986
1987
TOTAL EMPLOYMENT
AUGUST
5,526
MARCH
4,580
5700
5500
5300
5100
4900
4700
4500
TOTAL UNEMPLOYMENT
JAN.
808
AUGUST
DEC.303
258
900
800
700
600
500
400
300
200
MONTH AND YEAR

# PENNSYLVANIA ECONOMIC INDICATORS
## NOT SEASONALLY ADJUSTED



# PENNSYLVANIA ECONOMIC INDICATORS
## NOT SEASONALLY ADJUSTED